



Annual Performance Report Form

Facility Name: Ross Products

Performance Track ID #: A09-0023

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: April 1, 2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1 ☐ Name of your facility: Abbott Laboratories, RPD, Casa Grande, AZ
- A.2 ☐ Name of your parent company: Abbott Laboratories
- A.3 ☒ Facility contact person for the Performance Track program
Name: Mr./Mrs./Ms./Dr. Ms. Vella Strickland
Title: EHS Manager
Phone: 520-421-6478 Fax: E-mail: vella.strickland@abbott.com
- A.4 ☐ Facility's location
Street Address: 1250 W. Maricopa Highway
Street Address (cont.):
City/State/Zip Code: Casa Grande, AZ 85222
- A.5 ☐ Facility's website address (if any):
- A.6 ☐ Number of employees (full-time equivalents) who currently work in the facility:
☐ Fewer than 50 ☐ 50 - 99 ☒ 100 - 499 ☐ 500 - 1000 ☐ More than 1000
- A.7 ☐ Does your company meet the Small Business Administration definition of a small business for your sector? ☐ Yes ☒ No
- A.8 ☐ North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 311514 _____
- A.9 ☐ In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below. ☐ Yes ☒ No
- A.10 ☐ Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."
No Changes

Section B

Environmental Management System

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

☐ Yes ☒ No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

b. Was an internal or corporate EMS audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

Abbott Global Management Standards audit (EMS compatible) was conducted 9/10/01 thru 9/14/01. Facility management systems, which included EHS policy and program, strategic planning, self assessment / risk assessment, business integration, training and awareness, and assurance review were assessed against established Abbott Global Management Standards requirements.

c. Was a compliance audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

Corporate environmental, health and safety audit conducted 9/10/01 thru 9/14/01. the audit team consisted of Abbott corporate, division and plant EHS personnel. The scope of the audit included compliance with applicable external EHS regulatory requirements, Abbott policy and program requirements, and Abbott environmental, health and safety standards.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

Refresher environmental training; i.e. labeling, dating and storage, was developed and conducted in the area of hazardous waste management by year end 2001. Additional environmental training will be developed and conducted in 2002 in the following areas: a) Environmental Aspects and Impacts and how they relate to Pollution Prevention, b) Management Roles and Responsibilities in the EMS, c) Global Management Standards. Additionally, minor documentation deficiencies were defined and corrected by year end 2001.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

☐ Yes ☒ No ☐ No such instances identified

If no, please explain your plans to correct these instances. Additional environmental training will be developed and conducted in 2002 in the following areas: a) Environmental Aspects and Impacts and how they relate to Pollution Prevention, b) Management Roles and Responsibilities in the EMS, and c) Global Management Standards.

g. When was the last Senior Management review of your EMS completed? *mo/yr* 08/01

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Mr. Larry Twigg

Title: Manager, EHS

Section B

(continued)

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001? ☐ Yes ☒ No

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* 04/01

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Packaging Material Used in Product	See Section C
BOD and COD Discharges	See Section C
Water Use	See Section C
Hazardous Materials Use	See Section C

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category (see page 16 of the instructions): Product Performance

Aspect (see page 16 of the instructions): Packaging Material Used in Product

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	4,551,597	3,916,575			(optional)
<i>Measurement Units</i>	pounds				
<i>Normalizing Factor*</i>	1.0	0.9			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	number of units produced				
<i>Normalized Quantity* (per year)</i>	4,551,597	4,351,750			4,242,291

*See pages 17-19 of the instructions for more information

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The weight of the empty 8 oz. plastic can was reduced from 16.2 grams to 15.0 grams. The plant's plastic can supplier worked cooperatively with Abbott on this and other supply chain issues involving the plastic can. The 8 oz. plastic can was identified as a candidate for a 7.4% reduction in plastic that would not compromise the container integrity during distribution and use. Based on can volumes, an estimated 340,000 lbs. of plastic will be diverted from landfills and / or recycling facilities each year. The Year 1 actual quantity was changed from 4,214,442 pounds to 3,916,575 pounds. The new quantity is based on actual units of plastic cans produced in 2001. The original quantity was based on projected plastic cans produced in 2000 times the reduction in can weight.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.2

Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category (see page 16 of the instructions): Discharges to Water					
Aspect (see page 16 of the instructions): BOD and COD Discharges					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	460,000	220,000			(optional)
<i>Measurement Units</i>	pounds				
<i>Normalizing Factor*</i>	1.0	1.0			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	Wastewater produced from production volume				
<i>Normalized Quantity* (per year)</i>	460,000	220,000			146,000
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The plant continues to collect BOD from major process areas and utilizes outside sources to recycle BOD as an animal feed supplement for third parties. By managing the BOD levels, the quantity being discharged to the city treatment facility is 400mg/l or less per day. The plant continues to research water reuse opportunities with the City of Casa Grande and the local energy company. The Year 1 actual quantity was changed from 460,000 pounds to 220,000 pounds to reflect the reduction obtained from the continuous efforts to optimize the use of the BOD collection system. This reduction was not included in the original report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category (see page 16 of the instructions): Water Use					
Aspect (see page 16 of the instructions): Total Water use					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	70,000,000	65,000,000			(optional)
<i>Measurement Units</i>	gallons				
<i>Normalizing Factor*</i>	1.0	0.9			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	production volume				
<i>Normalized Quantity* (per year)</i>	70,000,000	72,000,000			57,000,000
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The facility currently utilizes a reverse osmosis (RO) treatment system for its water supply. Operating the RO system for optimum membrane performance would at times require flow rates greater than the plant demand, thus resulting in generation of RO related wastewater. In order to optimize the operation and reduce wastewater from the RO system, a re-circulation mode was implemented in 2001. Re-circulating the already filtered water assures more consistent flows during the low demand periods without the continuous draw on the local water supply. This reduced the incoming supply demand by an estimated 5,000,000 gallons per year. An additional project scheduled for 2002 will combine permeate and concentrated streams, recovering both during re-circulation mode. This modification is expected to reduce wastewater by an estimated 8,000,000 gallons per year. The baseline quantity was changed from 5,000,000 gallons to 70,000,000 gallons. The original quantity focused on the reduction only as opposed to the total reject quantity per year. The Year 1 actual quantity was changed from 0 gallons to 65,000,000 gallons to reflect the 5,000,000 gallons reduction from the 70,000,000 gallons (baseline year). The 2003 performance commitment was changed from 0 gallons to 57,000,000 gallons. This commitment is contingent upon the 2002 project described above.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section C

(continued)

C.4

Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category (see page 16 of the instructions): Material Use

Aspect (see page 16 of the instructions): Hazardous Material Use

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	9,000	500			(optional)
<i>Measurement Units</i>	pounds				
<i>Normalizing Factor*</i>	1.0	0.9			1.0 (optional)
<i>Basis for your Normalizing Factor*</i>	production volume				
<i>Normalized Quantity* (per year)</i>	9,000	556			500

*See pages 15-17 of the instructions for more information

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The use of 8,500 pounds of water treatment chemical biocides; including bromine and chlorine, was eliminated. Cooling Tower water is treated through the use of an Ozonization System, which produces ozone as an active biocide. Relatively low rates of ozone (.03 to .07 ppm) have been safe and are very effective as a biocide. The baseline quantity was changed from 9,500 pounds to 9,000 pounds based on March 2002 data. The Year 1 actual quantity was changed from 0 pounds to 500 pounds. The 9000 pounds of water treatment includes approximately 500 pounds of corrosion inhibitors which were not eliminated. The 2003 performance commitment was changed from 0 pounds to 500 pounds. The corrosion inhibitors will not be eliminated.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

Section D

Public Outreach and Performance Reporting

D.1 Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements). Upon acceptance to the NEAT program, an article announcing the selection was published in the Casa Grande newspaper, and also on the Abbott Laboratories EHS Home page.

D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

☒ Website (URL www.abbott.com/ehs)

☐ Open House

☐ Meetings

☐ Press Releases

☐ Community Advisory Panel

☐ Other

Section E

Self-Certification of Continued Program Participation

On behalf of Abbott Laboratories, Ross Products Division, Casa Grande, AZ,
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date _____

Printed Name Mr./Mrs./Ms./Dr.Mr. James Destadio

Title Plant Manager

Phone Number/E-mail Address (520) 421-6600

Facility Name Abbott Laboratories, RPD

Facility Street Address 1250 W. Maricopa Highway, Casa Grande, AZ 85222

Performance Track Identification Number A09 - 0023

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.